JAVA.LANG.ENUM CLASS

Introduction

The **java.lang.Enum** class is the common base class of all Java language enumeration types.

Class declaration

Following is the declaration for **java.lang.Enum** class:

```
public abstract class Enum<E extends Enum<E>>
    extends Object
        implements Comparable<E>, Serializable
```

Class constructors

S.N.	Constructor & Description
1	**protected Enum(String name, int ordinal)** This is the single constructor.

Class methods

S.N.	Method & Description
1	protected Object clone() This method throws CloneNotSupportedException.
2	int compareTo(E o) This method compares this enum with the specified object for order.
3	boolean equals(Object other) This method returns true if the specified object is equal to this enum constant.
4	protected void finalize() This method returns enum classes cannot have finalize methods.
5	Class<E> getDeclaringClass() This method returns the Class object corresponding to this enum constant's enum type.
6	int hashCode() This method returns a hash code for this enum constant.
7	String name() This method returns the name of this enum constant, exactly as declared in its enum declaration.
8	int ordinal() This method returns the ordinal of this enumeration constant (its position in its enum declaration, where the initial constant is assigned an ordinal of zero).

9	String toString() This method returns the name of this enum constant, as contained in the declaration.
10	static <T extends Enum<T>> T valueOf(Class<T> enumType, String name) This method returns the enum constant of the specified enum type with the specified name.

Methods inherited

This class inherits methods from the following classes:

- java.lang.Object